

TABLE 5E-11
AGE-ADJUSTED^a MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2019

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
PER 100,000 TOTAL POPULATION (BOTH GENDERS):																
Total, all causes	676.6	960.9	727.2	638.6	914.9	719.6	631.1	735.0	666.9	833.6	922.5	697.6	573.3	507.1	706.1	534.7
Cardiovascular disease	184.9	176.9	194.6	141.4	245.8	180.7	202.3	224.1	186.9	226.9	209.4	184.7	161.3	122.9	180.6	162.8
Diseases of heart	137.3	118.7	147.4	104.8	197.8	139.9	142.6	197.0	137.3	178.4	148.3	137.8	121.1	79.4	136.4	120.4
Coronary heart disease	98.2	78.1	105.5	69.4	158.3	96.5	134.0	161.8	97.4	135.6	92.7	98.8	86.1	54.1	99.2	85.8
Malignant neoplasms	134.7	125.4	149.1	120.6	137.5	136.5	118.8	124.0	133.0	182.6	134.0	140.1	113.1	112.0	150.2	108.2
Lung cancer	26.2	12.3	30.9	11.7	27.4	21.1	36.3	33.1	25.5	42.8	20.3	26.2	23.3	10.9	34.9	22.6
Colorectal cancer	12.3	14.6	12.7	13.3	13.2	9.4	23.2	8.4	12.7	18.8	11.0	10.3	9.5	15.1	11.9	6.0
Breast cancer	10.1	7.4	8.4	10.0	9.3	13.1	0.0	4.4	10.4	14.0	10.8	9.9	7.9	6.3	10.8	8.0
Prostate cancer	7.8	4.3	9.8	9.9	8.7	5.3	11.6	7.4	7.7	11.6	9.7	7.2	5.3	4.4	10.8	6.2
Malignant melanoma of skin	2.3	0.0	3.4	0.0	0.9	2.7	0.0	1.6	2.4	3.9	1.4	2.2	2.0	0.0	3.6	0.8
Cervical cancer	1.0	0.0	0.5	0.9	0.0	2.4	0.0	0.0	1.2	2.3	0.5	0.8	0.7	0.0	0.4	1.2
Accident (unintentional injury)	59.2	127.1	47.8	72.8	82.0	61.6	63.7	79.9	57.0	60.3	112.1	61.7	47.6	45.0	69.5	44.0
Accidental poisoning	25.8	26.3	22.0	26.1	22.1	28.0	0.0	13.9	26.5	14.7	37.9	28.8	16.9	15.7	32.1	19.0
Motor vehicle accident	13.1	49.4	13.6	16.2	29.6	14.9	23.1	29.7	10.8	20.8	35.3	14.2	14.9	14.4	14.5	10.1
Accidental falls	12.2	13.6	5.1	15.6	12.0	8.1	11.6	2.5	13.3	11.2	15.9	11.8	9.4	6.8	13.0	5.7
Accidental drowning	1.3	5.9	1.4	1.3	4.1	4.6	8.8	22.4	1.3	1.6	1.0	0.6	0.8	2.2	1.0	0.9
Chronic lower respiratory diseases	39.2	36.9	56.5	31.4	47.2	52.5	48.2	40.0	36.7	70.8	50.5	37.8	34.7	14.2	45.7	27.0
Alzheimer's disease	33.2	16.5	16.4	24.3	35.4	37.0	30.6	15.6	37.5	31.0	29.6	31.1	21.8	25.9	32.7	26.0
Cerebrovascular disease	31.0	40.8	28.9	25.9	31.7	29.2	30.9	19.6	31.6	35.0	41.3	32.1	24.8	35.2	31.9	23.3
Diabetes	23.9	67.8	27.5	19.4	25.0	37.9	16.0	8.9	23.8	28.0	51.6	24.1	23.7	12.4	15.0	17.8
Intentional self-harm (suicide)	18.9	21.6	26.6	28.8	44.9	8.1	23.1	35.0	16.2	28.8	28.3	22.8	16.0	8.6	31.7	13.8
Chronic liver disease and cirrhosis	14.7	55.8	16.9	23.8	54.8	23.4	7.5	67.6	11.9	24.1	47.1	14.4	13.0	4.7	15.5	15.0
Essential (primary) hypertension and hypertensive renal disease	11.0	14.0	10.3	8.4	5.6	9.5	11.6	1.2	12.4	8.9	13.2	9.0	9.2	5.8	8.1	13.0
Influenza and pneumonia	10.4	16.8	11.4	10.9	15.8	16.7	0.0	5.6	10.1	12.8	19.9	11.5	7.6	6.9	7.5	11.6
Parkinson's disease	8.7	14.7	7.9	10.7	8.6	7.8	11.6	1.2	9.3	7.2	7.1	9.5	7.3	5.5	8.2	5.3
Nephritis	5.9	11.8	1.8	5.7	9.2	5.0	0.0	7.3	5.9	2.4	13.3	6.6	6.0	4.6	3.8	3.0
Assault (homicide)	8.3	14.3	12.1	10.7	12.8	11.9	0.0	4.8	7.1	12.0	15.6	8.5	8.9	10.6	6.1	14.2
Septicemia	3.8	11.8	6.3	5.8	11.3	8.1	0.0	2.9	3.0	2.8	7.6	3.9	4.2	6.3	4.3	4.6
HIV disease	0.9	4.3	1.1	1.5	2.3	0.0	0.0	0.0	1.0	1.1	1.3	1.2	0.0	0.0	0.0	0.6
Injury by firearms	15.3	10.3	20.4	15.2	31.8	8.4	11.6	28.7	13.7	18.5	15.0	18.9	14.5	6.7	23.5	12.4
Drug-induced deaths	28.4	11.9	25.4	18.1	30.5	27.8	11.6	10.4	29.1	19.9	32.1	31.9	21.7	15.7	41.4	20.4
Opioid-induced deaths	18.6	4.6	13.6	8.2	5.2	6.6	11.6	7.3	20.7	12.6	10.7	20.5	12.5	11.5	25.0	1.9
Alcohol-induced deaths	16.2	75.0	15.6	35.6	61.9	20.4	7.5	82.4	13.7	29.1	71.2	13.1	10.9	2.5	18.2	7.7
AVERAGE AGE AT DEATH	72.5	65.8	73.7	68.3	71.7	71.0	73.9	70.8	72.6	73.5	68.3	73.3	70.1	73.0	75.6	72.5
MEDIAN AGE AT DEATH	76.0	69.0	76.0	72.0	75.0	75.0	76.0	74.0	77.0	75.0	72.0	77.0	73.0	77.0	78.0	76.0

TABLE 5E-11 (continued)
AGE-ADJUSTED^a MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2019

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
PER 100,000 MALES:																
Total, all causes	799.6	1207.1	885.4	725.7	1128.9	865.0	720.5	929.3	785.8	987.8	1113.3	844.5	656.9	606.7	806.5	637.0
Cardiovascular disease	221.2	211.0	231.9	161.2	320.4	240.0	215.7	312.3	221.8	278.5	260.1	228.7	188.5	134.1	208.5	192.6
Diseases of heart	172.5	144.6	183.2	124.1	262.6	201.9	150.6	282.7	171.3	231.1	194.8	177.9	149.1	82.7	169.7	150.9
Coronary heart disease	129.4	97.2	135.4	83.7	219.0	145.1	150.6	234.8	128.8	177.4	141.6	130.9	110.1	62.3	129.0	111.2
Malignant neoplasms	156.7	148.0	186.2	116.2	139.1	154.9	191.8	146.9	155.6	203.5	151.3	163.1	136.7	157.0	172.4	124.4
Lung cancer	29.7	18.6	32.3	9.1	20.1	36.3	73.2	52.8	28.7	40.4	23.8	32.7	29.9	20.5	34.9	25.2
Prostate cancer	17.4	9.8	21.3	22.7	18.6	11.8	25.9	14.3	17.6	23.9	21.4	16.4	11.0	10.7	23.2	12.7
Colorectal cancer	14.6	19.3	16.1	12.7	13.7	15.3	0.0	11.3	14.9	26.6	12.4	13.3	11.8	20.9	11.4	8.0
Malignant melanoma of skin	3.1	0.0	4.9	0.0	1.8	5.9	0.0	0.0	3.6	6.1	2.0	1.6	3.0	0.0	3.6	1.7
Breast cancer	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.6	0.0	0.0	0.6
Accident (unintentional injury)	82.6	190.3	65.4	96.5	121.8	78.0	127.6	88.0	79.9	81.4	151.8	88.2	62.9	60.7	85.6	66.3
Accidental poisoning	37.7	45.5	34.5	29.9	34.4	30.5	0.0	13.5	39.3	18.0	47.7	42.5	24.1	24.0	39.8	27.5
Motor vehicle accident	18.9	64.2	14.3	25.8	48.9	15.1	45.3	51.2	15.8	31.4	42.9	21.7	18.7	16.4	18.0	17.0
Accidental falls	13.9	17.0	5.9	15.1	14.5	11.9	25.9	4.7	15.5	10.5	24.0	14.2	11.1	2.5	12.5	5.4
Accidental drowning	1.8	11.6	2.8	1.2	3.6	9.0	17.0	0.0	1.8	1.7	1.9	0.5	1.5	4.8	2.0	2.0
Chronic lower respiratory diseases	41.9	47.2	69.7	34.7	53.8	73.5	16.7	45.0	39.3	76.4	44.5	40.4	32.4	16.5	44.5	29.5
Diabetes	30.5	87.1	41.4	25.9	25.8	47.6	24.2	9.0	31.0	33.3	68.7	31.4	26.9	23.9	19.8	16.1
Cerebrovascular disease	30.2	46.3	29.2	21.7	29.6	38.1	65.1	22.5	31.1	31.6	50.7	31.3	22.3	45.3	26.5	21.2
Intentional self-harm (suicide)	29.7	34.8	42.2	40.7	85.5	5.9	45.3	72.9	25.4	45.8	48.9	35.4	24.6	18.1	46.2	22.4
Alzheimer's disease	26.3	10.0	12.4	18.6	20.5	18.2	0.0	2.7	30.6	29.1	20.9	25.5	16.6	10.7	23.1	20.3
Chronic liver disease and cirrhosis	18.8	46.2	16.2	26.1	62.2	17.3	13.9	104.0	16.2	31.6	49.5	18.3	15.9	10.2	19.8	24.2
Parkinson's disease	12.8	16.4	11.9	17.3	11.1	6.2	25.9	2.4	14.0	10.3	9.8	15.6	9.3	3.4	11.1	6.8
Influenza and pneumonia	12.3	11.6	16.3	12.5	24.2	21.2	0.0	7.4	11.5	16.3	26.8	14.9	8.2	8.4	6.5	15.4
Essential (primary) hypertension	11.6	18.0	11.9	12.3	7.3	0.0	0.0	0.0	12.5	9.1	11.4	10.9	10.7	3.6	7.5	14.1
Nephritis	10.3	17.6	17.4	15.4	15.1	22.6	0.0	3.2	9.0	17.1	22.6	9.9	8.2	11.2	7.3	16.4
Assault (homicide)	9.1	21.1	0.0	6.9	18.7	5.1	0.0	0.0	9.5	1.3	23.0	9.8	7.3	0.0	6.8	3.5
Septicemia	4.4	17.9	8.3	12.5	17.3	11.9	0.0	0.0	3.5	2.8	10.6	3.9	4.5	8.7	4.5	3.5
HIV disease	1.5	8.8	2.1	2.9	0.0	0.0	0.0	0.0	1.5	1.7	2.6	1.8	0.0	0.0	0.0	1.2
Injury by firearms	25.9	18.5	31.7	23.6	63.9	5.9	22.7	44.4	23.6	30.1	22.8	31.1	23.2	9.6	37.9	21.2
Drug-induced deaths	39.8	17.8	36.5	15.7	44.9	26.1	22.7	6.6	41.5	24.0	39.1	46.3	27.4	24.0	50.0	28.2
Opioid-induced deaths	26.5	4.9	19.8	10.3	10.6	5.7	22.7	0.0	29.7	16.6	12.7	31.0	16.8	21.2	29.0	2.8
Alcohol-induced deaths	22.6	108.2	17.7	40.1	91.1	27.6	13.9	119.6	19.7	38.5	91.2	18.9	14.1	5.4	25.8	13.5
AVERAGE AGE AT DEATH	69.8	62.7	72.3	65.1	68.5	69.9	71.5	70.4	69.4	72.4	66.2	70.4	68.5	69.0	73.7	70.8
MEDIAN AGE AT DEATH	74.0	65.0	75.0	69.0	72.0	74.0	74.0	74.0	74.0	74.0	70.0	74.0	72.0	74.0	76.0	75.0

TABLE 5E-11 (continued)
AGE-ADJUSTED^a MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2019

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
PER 100,000 FEMALES:																
Total, all causes	562.9	734.2	578.0	551.8	703.4	596.8	565.8	539.1	560.2	679.3	742.4	565.8	488.9	415.0	612.8	436.5
Cardiovascular disease	152.4	146.5	161.6	122.4	173.0	131.4	211.9	136.2	156.3	175.4	165.4	147.2	134.7	112.9	155.3	135.2
Diseases of heart	106.3	97.9	115.7	86.5	134.7	89.3	139.2	111.6	108.4	126.5	109.9	104.0	93.5	75.3	106.9	91.8
Coronary heart disease	71.1	61.5	79.4	56.5	100.4	55.3	121.5	89.3	71.2	94.5	52.6	71.9	62.7	47.8	73.1	62.1
Malignant neoplasms	116.4	108.3	115.8	123.5	136.6	125.5	59.6	101.8	115.2	162.5	122.5	120.9	90.8	73.9	130.4	93.7
Lung cancer	23.3	6.8	30.0	14.0	34.6	9.0	0.0	14.5	22.9	45.4	17.3	20.7	16.9	2.4	35.0	20.3
Breast cancer	18.8	14.4	16.0	18.3	18.3	24.8	0.0	8.7	19.2	27.8	20.9	18.1	15.2	11.5	20.4	15.1
Colorectal cancer	10.1	10.8	9.6	14.1	12.9	4.9	41.9	5.9	10.8	11.4	9.8	7.6	7.4	9.5	12.2	4.3
Cervical cancer	2.0	0.0	0.9	1.8	0.0	5.8	0.0	0.0	2.2	4.6	1.0	1.6	1.4	0.0	0.7	2.2
Malignant melanoma of skin	1.6	0.0	1.9	0.0	0.0	0.0	0.0	3.3	1.3	1.7	1.0	2.8	1.2	0.0	3.6	0.0
Alzheimer's disease	38.3	21.8	19.5	27.6	47.1	49.0	52.6	29.8	42.1	33.1	36.3	35.1	26.6	37.5	40.5	31.6
Chronic lower respiratory diseases	37.0	28.0	44.8	28.3	40.2	36.5	78.7	35.2	34.7	65.3	54.8	35.8	36.8	12.6	47.2	24.7
Accident (unintentional injury)	36.0	65.7	29.4	50.0	42.9	47.6	0.0	69.9	34.7	37.9	72.2	35.8	30.4	30.2	54.5	20.6
Accidental poisoning	13.7	7.9	8.5	22.2	9.8	25.7	0.0	13.8	13.6	10.6	28.7	15.0	8.4	7.7	24.9	9.1
Accidental falls	10.6	10.8	4.4	15.8	9.9	4.4	0.0	0.0	11.3	11.9	8.1	9.7	7.9	10.2	13.3	6.0
Motor vehicle accident	7.5	35.6	12.8	7.7	10.0	17.5	0.0	6.1	6.0	9.7	26.9	6.9	10.8	12.3	11.5	3.0
Accidental drowning	0.7	0.0	0.0	1.4	4.6	0.0	0.0	46.7	0.7	1.5	0.0	0.6	0.0	0.0	0.0	0.0
Cerebrovascular disease	31.4	33.7	28.7	29.4	33.0	20.5	16.3	16.6	31.5	37.9	31.6	32.3	27.1	28.0	36.3	25.6
Diabetes	18.1	49.5	14.7	13.1	24.3	26.1	17.7	9.3	17.7	22.7	35.3	17.7	21.0	2.8	10.6	19.5
Chronic liver disease and cirrhosis	10.8	64.8	17.5	21.4	47.5	28.9	0.0	25.9	7.9	16.3	45.1	10.9	10.0	0.0	11.6	6.4
Essential (primary) hypertension	10.3	10.5	8.8	4.7	3.5	17.4	21.0	2.6	12.0	8.5	14.5	7.3	7.7	7.1	8.5	12.1
Influenza and pneumonia	8.9	22.2	7.1	9.1	8.2	13.8	0.0	3.3	9.0	9.6	13.7	8.8	7.1	5.6	8.2	8.2
Intentional self-harm (suicide)	8.3	8.1	9.9	16.7	5.3	11.8	0.0	0.0	7.4	10.8	6.7	10.6	6.4	0.0	18.3	4.8
Nephritis	6.5	10.6	7.1	6.3	10.5	4.4	0.0	6.1	5.5	7.0	9.1	7.4	9.8	9.8	4.6	12.1
Parkinson's disease	5.4	13.8	4.4	6.0	6.4	9.7	0.0	0.0	5.8	4.3	4.9	4.8	5.6	7.1	5.7	4.0
Septicemia	3.3	6.1	4.5	0.0	5.4	4.1	0.0	6.0	2.6	2.9	4.6	3.9	3.7	4.7	4.2	5.6
Assault (homicide)	2.6	3.1	3.8	4.3	0.0	5.3	0.0	13.8	2.2	3.5	3.3	3.4	4.4	9.2	0.7	2.3
HIV disease	0.4	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.4	0.5	0.0	0.7	0.0	0.0	0.0	0.0
Injury by firearms	5.0	1.9	8.9	6.6	0.0	12.7	0.0	13.8	4.2	6.5	6.8	7.0	4.6	4.6	9.9	3.0
Drug-induced deaths	16.9	6.2	13.3	20.6	16.3	30.1	0.0	13.8	16.6	15.0	25.5	17.6	14.9	7.7	33.4	11.1
Opioid-induced deaths	10.4	4.4	6.6	6.0	0.0	7.8	0.0	13.8	11.6	8.0	8.7	9.9	7.3	2.5	21.1	0.9
Alcohol-induced deaths	10.1	43.2	13.8	31.2	32.8	11.8	0.0	39.8	8.1	19.5	52.2	7.9	7.6	0.0	11.2	2.1
AVERAGE AGE AT DEATH	75.7	70.2	75.4	72.0	75.8	72.5	76.2	71.4	76.1	75.0	71.0	76.7	72.1	77.7	77.7	74.8
MEDIAN AGE AT DEATH	79.0	75.0	77.0	76.0	78.0	76.0	77.0	75.0	80.0	77.0	76.0	80.0	75.0	83.0	80.0	78.0

Notes: ^a Adjusted to the 2000 standard U.S. population; All rates are per 100,000 resident population; The rates based on fewer than 10 deaths (see Table 5E-12) are not statistically reliable.